

The Kentucky NEED Project announces



2007 Energy Conference for Educators

June 11–15, 2007



About the conference. . .

The 2007 Kentucky Energy Conference for Educators is not for the faint-hearted. Teachers will spend five activity-packed days touring Western Kentucky, visiting energy sites and connecting energy to the classroom. All meals, lodging, and transportation on a charter tour bus are provided courtesy of conference sponsors.

Learn about the **science** of energy with a "scoopful of other Kentucky teachers".



Learn how energy is interrelated with **biology** and **ecosystems** at a reclaimed mine site.

Scheduled tour stops. . .

- Owensboro Grain – Soy Biodiesel
- TVA Paradise Coal-fired Power Plant
- Reclaimed Mine Site
- Commonwealth Agri-Energy Ethanol Plant
- Land Between the Lakes Homeplace – *Energy of the 19th Century*
- Marshall County High School Solar Installation
- Barkley Dam Hydroelectric Power Plant
- Dotiki Underground Mine

"Energy transformations are inherent in almost every system in the universe" states the 4.1 version of the Core Content for Science Assessment. "Energy Transformations" is identified as one of its "organizers" at all science levels.



Learn about Kentucky **history** and what kind of energy was used in the 1800's.

Who can participate. . .

Twenty-four formal and non-formal educators representing grades K – 12 in Kentucky will be selected to participate.

What resources will be provided. . .

- **Curriculum:** Participants will receive NEED's classroom curriculum designed for their grade level: Primary (K–3), Elementary (4–6), Intermediate (6–8), Secondary (8–12).
- **NEED Science Kits:** Each teacher will be provided a NEED science kit that includes teacher guides, demonstrations, instructions and supplies for experiments.
- **Energy Experts:** Kentucky energy experts will be present at each site and available throughout the conference.

What previous participants said . . .

"This has been one of the best teaching experiences I have had in my career." • "Field trips were great." • "It was a well-planned adventure of a lifetime." • "I came into this not knowing a lot and came out feeling so much better equipped to teach energy in my classroom." • "Thanks for a great week! The information and resources will be very helpful in my classroom." • "Above and beyond what was expected."

Registration Form

Energy Conference for Educators: June 11–15, 2007

**Send registration to: *The Kentucky NEED Project*
P.O. Box 176055
Covington, KY 41017
Fax: 800-847-1820**

Registration deadline is May 20, 2007*

Type or Print

First name _____ Last name _____

School _____

School Street Address _____

City _____ State KY Zip _____ County _____

School E-mail _____

Home Address _____

City _____ State KY Zip _____ County _____

Home Phone () _____

Home E-mail _____

Do you currently use NEED materials? ☐ Yes ☐ No

Do you participate in the CEDAR Program? ☐ Yes ☐ No

To this application, please attach a one-page summary statement explaining how you think attending this conference will enhance how/what you teach about ENERGY. Include anything you think will help us understand how you plan to use the information in your classroom, school and community.

1. Please note any special dietary requirements _____

2. Lodging is double occupancy.

• Are you: male/female smoker/non-smoker

• Do you have a roommate preference? _____

• If a single room is desired, a \$250 surcharge will apply.

☐ I prefer single occupancy; a separate check for \$250 is enclosed.

3. Other special needs? _____

4. Summary attached: ☐ Yes ☐ No

5. Deposit

☐ Check made payable to The NEED Project enclosed

☐ Credit card

I authorize NEED to charge my ☐ Amex ☐ Visa ☐ Master Card

Name of Cardholder _____

Account Number _____

Expiration Date _____

Billing Address _____

City, State, Zip _____

*After May 20, 2007 contact the Kentucky NEED office at 859-802-2024 to inquire about space availability.

Note: Site visits are walking tours; participants should be in good physical condition. They are also responsible for transporting their luggage from the bus to the hotel each night.

Conference costs:

There is no fee for educators to attend the conference. A \$100 deposit is required and should be submitted with conference application. Deposit will be held and checks will be returned at the conclusion of the conference. Deposits will be forfeited if written cancellation notification is not received by June 1, 2007. Lodging is based on double-occupancy.

About the NEED Project

The National Energy Education Development (NEED) Project is a nonprofit energy education association that has focused on teaching students and teachers about energy for over 25 years.

NEED programs and activities are:

- Science-based
- Interdisciplinary
- Inquiry-based
- Hands-on
- Designed for grades K–12
- Reviewed by a National Teacher Advisory Board
- Correlated to National Science Education Content Standards
- Correlated to Kentucky Program of Studies
- www.need.org

Conference Sponsors

- Office of Energy Policy
- Equitable Foundation

